



Epidemiologic Notes & Reports

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Expanded Perinatal Hepatitis B Surveillance Begins

To prevent the perinatal transmission of hepatitis B, all pregnant women in Kentucky must be screened for hepatitis B surface antigen (HBsAg). Legislation mandating the testing became effective July 15, 1998. Administrative regulation 902.KAR 2:020 requires all licensed health professionals and facilities to report hepatitis B in a pregnant woman to the local or state health department. For over a decade, the Department for Public Health and local health departments have been tracking pregnant women seen in local health departments and the children born to these women to determine if they are properly immunized against the hepatitis B virus.

In October 1998, Glyn G. Caldwell, MD, Director, Division of Epidemiology and Health Planning and State Epidemiologist, announced expanded hepatitis B surveillance to all pregnant women in the state, not just those receiving prenatal care through local health departments. State and local health department communicable disease staff are tracking the children born to women who are HBsAg positive to assure that they receive a complete hepatitis B immunization series and post-vaccination serology.

About 50 to 60 pregnant women in Kentucky test positive for hepatitis B each year. The tracking process begins when the Surveillance & Investigations Branch receives a report of an HBsAg positive test in either a pregnant woman or in a female between the ages of 15 and 44. The local health department in the county where the woman lives will be asked to contact her provider for information on her pregnancy status, expected date of delivery and birthing center. If the woman's address is unknown, the surveillance begins in the local health department of the provider who reported the case.

In addition to conducting the local inquiries needed for tracking the child's birth, immunizations, and testing, local health department staff will be asked to identify the woman's household and sexual contacts. The

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*Replaces 1989 laminated card

contacts will be offered hepatitis B immunizations through either their private provider or their local health department. The woman and her contacts will be referred to appropriate resources for medical evaluation, patient education and follow up.

The Department's tracking procedures focus on these events:

- initial HBsAg positive test;
- child's birth, and administration of immune globulin and vaccine dose #1;
- administration of vaccine dose #2 at one month of age;
- administration of vaccine dose #3 at six months of age; and
- post-vaccination testing, i.e., HBsAg and hepatitis B surface antibody (anti-HBs) at 12 months of age.

Complete tracking of a mother-infant pair will begin at the initial test and will end with the child's test results. Local health department staff will contact clinical laboratories, birthing centers, and individual providers at appropriate times in the tracking process.

Questions related to surveillance and/or clinical issues may be directed to Barbara E. Sonnen, RN, at 502-564-3418, Peggy Wright, RN, at 502-564-3261, or Rhenda Mills, RN, at 502-564-4478. For hepatitis B

Yellow Fever Vaccination Centers

Travelers to certain parts of the world continue to be exposed to yellow fever. Vaccination against the disease is needed for persons who are at risk of exposure. Some countries require yellow fever vaccination for entry.

Vaccination against yellow fever can be provided at authorized Yellow Fever Vaccination Centers only. In Kentucky there are currently 17 authorized Centers providing the vaccine; 15 of the 17 Centers make the vaccination service available to the general public.

Located in nine Kentucky counties, the authorized Centers are:

AVAILABLE TO THE PUBLIC

Alliant Health System
Occupational Medicine Dept.
Alliant Medical Pavilion
315 East Broadway
Louisville, KY 40202
502-629-3680

Jacob Blum, M.D.
Corporate Health Care, P.S.C.
4603 Spring Branch Court
Louisville, KY 40241
502-417-7177

Capital Family Physicians
1001 Leaward Drive, Ste. C
Frankfort, KY 40601
502-223-0231

Phyllis D. Corbitt, M.D.
317 East Main Street
Wilmore, KY 40390
606-858-3219

Cecilia D. Gaynor, M.D.
Travel Clinic
2301 Lexington Avenue
Ashland, KY 41101
606-325-2721

Khaled Jouja, M.D.
Owensboro Mercy Hospital
811 East Parrish Avenue
Owensboro, KY 42303
502-688-4453

Kenton County Health Center
912 Scott Street
Covington, KY 41011
606-581-3886

Kentucky Clinic South
Dept. of Preventive Medicine
2400 Greatstone Point
Lexington, KY 40504
606-257-5150

Lexington Clinic
100 Trade Street
Lexington, KY 40511
606-258-6400

Owensboro Internal Medicine
Associates
815 Parrish Avenue, Ste. 230
Owensboro, KY 42303
502-688-1200

Paducah-McCracken County
Health Center
916 Kentucky Avenue
Paducah, KY 42003
502-444-9631

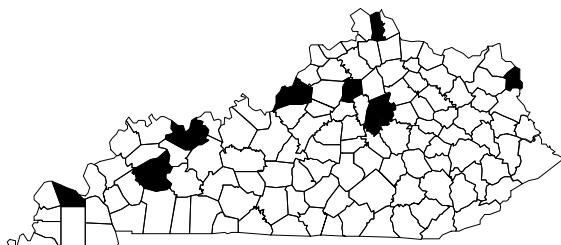
Trover Clinic
200 Clinic Drive
Madisonville, KY 42431
502-825-7200

University of Louisville
International Travel Clinic*
250 East Liberty Street, Ste. 900
Louisville, KY 40202
502-852-3691

University of Louisville Student
Health and Travel Medicine
Belknap Campus
Louisville, KY 40292
502-852-6479

Lexington Infectious Disease
Consultants
1760 Nicholasville Road, Ste. 501
Lexington, KY 40503
606-277-4005

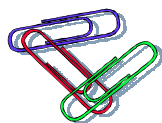
* Clinic operated in collaboration
with the Louisville-Jefferson
County Health Department



NOT AVAILABLE TO THE PUBLIC

Ashland, Inc.
Corporate Medical Department
P.O. Box 391
Ashland, KY 41114

General Electric Company Appliance Park
GEA Medical Center
Appliance Park, Bldg. 3
Louisville, KY 40225



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Reportable Diseases/Conditions in Kentucky

Cabinet for Health Services Department for Public Health

902 KAR 2:020 requires health professionals to **report** the following diseases **to the local health department** serving the jurisdiction in which the patient resides or to the Department for Public Health. (Copies of 902 KAR 2:020 available upon request.)

I. REPORTING REQUIRED WITHIN 24 HOURS - by telephone or FAX*

Anthrax	Hansen's disease	Rabies, human
Botulism	Hantavirus infection	Rubella
Cholera	<i>Haemophilus influenzae</i>	Rubella syndrome, congenital
Diphtheria	invasive disease	Syphilis, primary, secondary, early latent or congenital
Enceph. California group	Measles	Tetanus
Enceph. Eastern Equine	Meningococcal infection	Toxic shock syndrome
Enceph. St. Louis	Pertussis	Typhoid fever
Enceph. Western	Plague	Yellow fever
Group A streptococcal	Poliomyelitis	
Infection, invasive	Psittacosis	

II. REPORTING REQUIRED WITHIN 1 BUSINESS DAY - by telephone or FAX*

<i>E. coli</i> O157:H7	Mumps	Animal conditions known to be communicable to man
Ehrlichiosis	Rocky Mountain spotted fever	Suspected foodborne infections or intoxications
Hepatitis A	Shigellosis	
Lyme disease	Tuberculosis	
Malaria		

II. REPORTING REQUIRED WITHIN 5 BUSINESS DAYS

**AIDS	Hepatitis B in women or a child born in or after 1992	Listeriosis
Brucellosis	Hepatitis C, acute	Rabies post-exposure prophylaxis
Chancroid	Histoplasmosis	Syphilis, other than primary, secondary, early latent or congenital
Chlamydia trachomatis Infection	**HIV infection	Tularemia
Gonorrhea	Lead poisoning	
Hepatitis B, acute	Legionellosis	

IV. REPORTING REQUIRED BY LABORATORIES - preferably within 1 business day.

Campylobacter isolates	Cryptosporidium oocysts	Salmonella isolates
	Influenza virus isolate	

V. REPORTING REQUIRED IN A TIMELY FASHION - preferably within 72 hours.

Extraordinary number of cases of any disease or condition.

VI. REPORTING REQUIRED WITHIN 3 MONTHS

Asbestosis	Coal workers' pneumoconiosis	Silicosis
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VII. REPORTS of Animal bites shall be reported to the local health department within 12 hours in accordance with KRS 258.065.

Reports shall include:

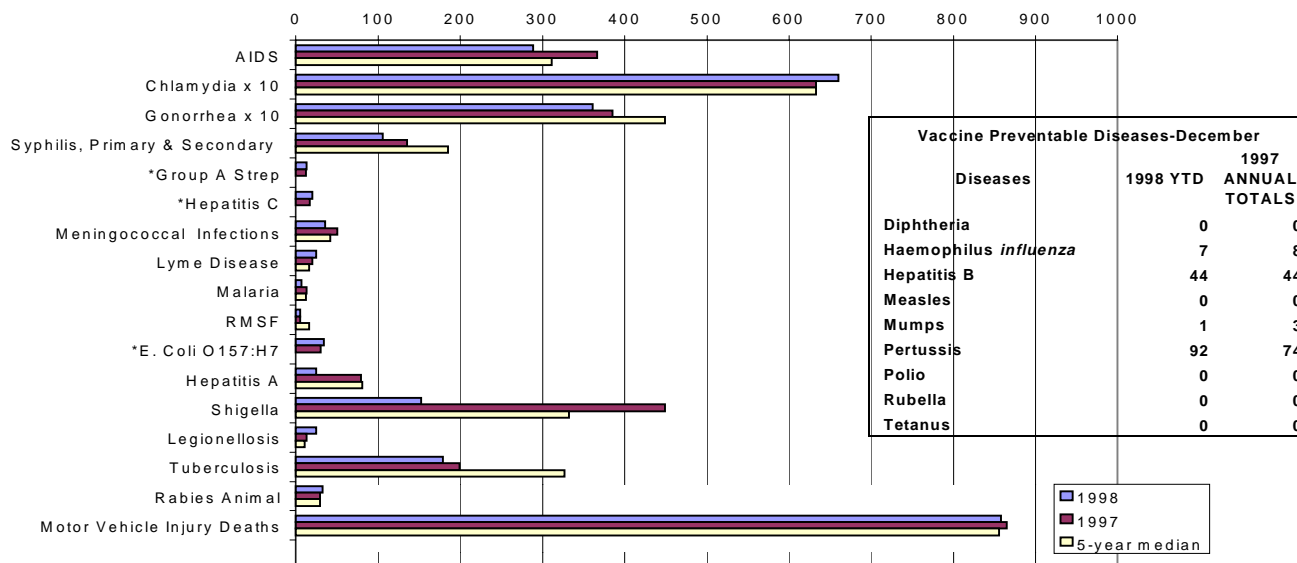
1. The disease or condition being reported;
2. Patient's name, age, date of birth, address and telephone number;
3. Physician's (or reporting institution's/person's) name and telephone number;
4. Clinical, epidemiologic, and laboratory information pertinent to the disease.

Mail reports to the local health department or the Surveillance and Investigations Branch, Division of Epidemiology and Health Planning, 275 East Main Street, Frankfort, Kentucky 40621.

* For additional information or to obtain Kentucky Reportable Disease Forms call 502-564-3418; 1-888-973-7678; or FAX 502-564-0542.

** To report HIV/AIDS or obtain report forms in Louisville area - (Bullitt, Henry, Jefferson, Shelby, Spencer, Trimble counties) call the HIV/AIDS Louisville Jefferson County Surveillance Program at 502-574-6574. In all other Kentucky counties contact the HIV/AIDS Branch at 502-564-6539.

CASES OF SELECTED REPORTABLE DISEASES IN KENTUCKY, YEAR TO DATE, (YTD) THROUGH DECEMBER 1998



*Our Retirees
We say thanks*

Division of Epidemiology and Health Planning Retirees

February 1, 1999

Joyce Bothe, Assistant Director

Doll Morton, Hepatitis Coordinator, Immunization Section

Ova Pittman, Area Supervisor, STD Section

Gene Simmons, MPH, Manager, TB Control Section

March 1, 1999

Clarkson Palmer, MD, MPH, Manager Communicable Disease Branch

Best wishes and many thanks to these committed employees as they begin their retirement. Each one has made significant contributions to the public health needs of Kentucky's citizens. Together they have over 128 years of service with the Cabinet for Health Services and its predecessors.

Note: Glyn G. Caldwell, MD, Director, 502-564-7243, and Michael Auslander, DVM, MSPH, Manager, Surveillance and Investigations Branch, 502-564-3418, will provide medical consultation after Dr. Palmer's retirement.

1998 Authors and Contributors



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Thank you for your interest and support of the state epidemiologic newsletter.

Barbara E. Sonnen, Editor
Nancy Yates, Managing Editor

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Rice C. Leach, MD, Commissioner

Department for Public Health

Glyn Caldwell, MD, State Epidemiologist, and Director,
Division of Epidemiology & Health Planning

Barbara E. Sonnen, R.N. M.S., Editor

Nancy Yates, Managing Editor

RETURN SERVICE REQUESTED

Update. . . . 1998-99 Influenza

The current "flu" season is about six weeks later than the 1997-98 season. Last season's initial isolate was identified in November 1997, whereas this year's first specimen was identified in January 1999.

The Division of Laboratory Services, Department for Public Health, had received 47 viral specimens for influenza through February 5, 1999. Twelve of the 47 were positive. Nine specimens were influenza type A, three were influenza type B and two were respiratory syncytial virus. Seventeen are pending. The influenza B specimens were from Jefferson and Madison Counties. Two of the type A specimens were from Boone County, six came from Madison County, and one from Warren County.

Questions related to influenza may be directed to Karen M. Adams, RN, BSN, at karenm.adams@mail.state.ky.us or 502-564-3418.